Serial No. <u>10/735,437</u> Docket No. <u>3097-40</u>08US1

This listing of claims will replace all prior versions, and listings, of claims in the application:

## **Listing of Claims:**

- 1. (previously presented) A composition useful for hepatoprotection, said composition comprising an effective amount of a polar solvent extract (A001) from the plant *Cryptolepis buchanani*; and optionally pharmaceutically acceptable additives.
- 2. (currently amended) The composition as claimed in claim 1, wherein said additives are selected from a group of nutrients consisting essentially of proteins, carbohydrates, sugar, tale, magnesium stearate, cellulose, calcium carbonate, and starch-gelatin paste; and/or a pharmaceutically acceptable carrier, excipient, diluent, or solvent.
- 3. (currently amended) The composition as claimed in claim 1, wherein the polar solvent is selected from a group consisting essentially of alcohol, rectified spirit, aqueous rectified spirit, and water.
- 4. (previously presented) The composition as claimed in claim 1, wherein said extract and additives are in the ratio ranging between 1:1 to 1:10.
- 5. (currently amended) A method of preparing a polar solvent extract A001 and its four fractions F001, F002, F003, and F004 from plant *Cryptolepis buchanani* having hepatoprotective activity, said method comprising:
  - (i) powdering said plant,
  - (ii) percolating said powder in cold with a polar solvent,
  - (iii) concentrating said percolate to prepare a polar solvent extract (A001),
- (iv) triturating said extract successively with solvents of increasing polarity using hexane and chloroform,

- (v) collecting fractions F001 and F002 respectively with said solvents and a residue,
- (vi) partioning said residue between n-butanol and water of ratio 5:1, and
- (vii) collecting the n-butanol soluble fraction (F003) and the water soluble fraction (F004).
- 6. (previously presented) The method as claimed in claim 5, wherein a root and an aerial part of said plant are preferred plant parts for said activity.
- 7. (currently amended) The method as claimed in claim 5, wherein polar solvent is selected from a group consisting essentially of methanol, propanol, and ethanol.
- 8. (previously presented) The method as claimed in claim 5, wherein the polar solvent is 95% ethanol.
- 9. (previously presented) The method as claimed in claim 5, wherein the percolated plant in polar solvent is at a concentration ranging between 100 and 500gms/liter.
- 10. (previously presented) The method as claimed in claim 5, wherein the percolation is for a time duration ranging between 14 and 18 hours.
- 11. (previously presented) The method as claimed in claim 5, wherein the percolated extract is concentrated by evaporation under reduced pressure.
- 12. (previously presented) The method as claimed in claim 5, wherein the percolated extract is concentrated at a temperature ranging between 40° C and 50° C.
- 13. (previously presented) The method as claimed in claim 5, wherein the percolated extract is concentrated at a temperature of about 45° C.
- 14. (previously presented) The method as claimed in claim 5, wherein the percolated extract is finally dried in a vacuum.

- 15. (previously presented) The method as claimed in claim 5, wherein the trituration rate ranges between 15 and 35 ml/minute.
- 16. (previously presented) The method as claimed in claim 5, wherein the trituration rate is about 23 ml/minute.
- 17. (previously presented) The method as claimed in claim 5, wherein triturating with each of the said solvents occurs for a time duration ranging between 20 and 40 minutes.
- 18. (previously presented) The method as claimed in claim 5, wherein said fractions have a concentration of:
  - (a) F001 about 11% (w/w),
  - (b) F002 about 15 % (w/w),
  - (c) F003 about 40% (w/w), and
  - (d) F004 about 35% (w/w).
- 19. (previously presented) A composition useful for hepatoprotection, said composition comprising an effective amount of the fraction F003 of claim 5 from plant *Cryptolepis* buchanani, and optionally pharmaceutically acceptable additives.
- 20. (currently amended) The composition as claimed in claim 19, wherein said additives are selected from a group of nutrients consisting essentially of proteins, carbohydrates, sugar, talc, magnesium stearate, cellulose, calcium carbonate, and starch-gelatin paste; and/or a pharmaceutically acceptable carrier, excipient, diluent, or solvent.
- 21. (previously presented) The composition as claimed in claim 19, wherein said fraction and additives are in a ratio ranging between 1:1 and 1:10.
  - 22-34. (cancelled)